

SEDIMENT & EROSION CONTROL STORMWATER & SOIL MANAGEMENT PLAN BAYVIEW GOLF CLUB

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LOCALITY PLAN
1825 PITTWATER ROAD, MONA VALE NSW, 2103, AUSTRALIA

BEFORE YOU DIG AUSTRALIA

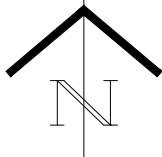


IMPORTANT: THE CONTRACTOR IS TO MAINTAIN A CURRENT SET OF "BEFORE YOU DIG AUSTRALIA" DRAWINGS ON SITE AT ALL TIMES.

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APPROVED	CP



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ISSUE FOR DEVELOPMENT APPLICATION

SEDIMENT AND EROSION CONTROL &
STORMWATER MANAGEMENT

CLIENT
BAYVIEW GOLF CLUB

TITLE PAGE & LOCALITY PLAN

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JOB NUMBER: 23003	SCALE @ A1 NTS	SHEET No C100	REV B
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EROSION AND SEDIMENT CONTROL

GENERAL INSTRUCTIONS

1. THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE ENGINEERING PLANS, AND ANY OTHER PLANS OR WRITTEN INSTRUCTIONS THAT MAY BE ISSUED AND RELATING TO DEVELOPMENT AT THE SUBJECT SITE.
2. THE SITE SUPERINTENDENT WILL ENSURE THAT ALL SOIL AND WATER MANAGEMENT WORKS ARE LOCATED AS INSTRUCTED IN THIS SPECIFICATION.
3. ALL BUILDERS AND SUB-CONTRACTORS WILL BE INFORMED OF THEIR RESPONSIBILITIES IN MINIMISING THE POTENTIAL FOR SOIL EROSION AND POLLUTION TO DOWNSLOPE LANDS AND WATERWAYS.

CONSTRUCTION SEQUENCE

4. THE SOIL EROSION POTENTIAL ON THIS SITE SHALL BE MINIMISED. HENCE WORKS SHALL BE UNDERTAKEN IN THE FOLLOWING SEQUENCE :
- a. INSTALL SEDIMENT FENCES, TEMPORARY CONSTRUCTION EXIT AND SANDBAG KERB INLET SEDIMENT TRAP.
- b. UNDERTAKE SITE DEVELOPMENT WORKS IN ACCORDANCE WITH THE ENGINEERING PLANS. PHASE DEVELOPMENT SO THAT LAND DISTURBANCE IS CONFINED TO AREAS OF WORKABLE SIZE.

EROSION CONTROL

5. DURING WINDY CONDITIONS, LARGE, UNPROTECTED AREAS WILL BE KEPT MOIST (NOT WET) BY SPRINKLING WITH WATER TO KEEP DUST UNDER CONTROL.
6. FINAL SITE LANDSCAPING WILL BE UNDERTAKEN AS SOON AS POSSIBLE AND WITHIN 20 WORKING DAYS FROM COMPLETION OF CONSTRUCTION ACTIVITIES.

FENCING

7. STOCKPILES WILL NOT BE LOCATED WITHIN 2 METRES OF HAZARD AREAS, INCLUDING LIKELY AREAS OF CONCENTRATED OR HIGH VELOCITY FLOWS SUCH AS WATERWAYS. WHERE THEY ARE BETWEEN 2 AND 5 METRES FROM SUCH AREAS, SPECIAL SEDIMENT CONTROL MEASURES SHOULD BE TAKEN TO MINIMISE POSSIBLE POLLUTION TO DOWNSLOPE WATERS, E.G. THROUGH INSTALLATION OF SEDIMENT FENCING.
8. ANY SAND USED IN THE CONCRETE CURING PROCESS (SPREAD OVER THE SURFACE) WILL BE REMOVED AS SOON AS POSSIBLE AND WITHIN 10 WORKING DAYS FROM PLACEMENT.
9. WATER WILL BE PREVENTED FROM ENTERING THE PERMANENT DRAINAGE SYSTEM UNLESS IT IS RELATIVELY SEDIMENT FREE, I.E. THE CATCHMENT AREA HAS BEEN PERMANENTLY LANDSCAPED AND/OR ANY LIKELY SEDIMENT HAS BEEN FILTERED THROUGH AN APPROVED STRUCTURE.
10. TEMPORARY SOIL AND WATER MANAGEMENT STRUCTURES WILL BE REMOVED ONLY AFTER THE LANDS THEY ARE PROTECTING ARE REHABILITATED.

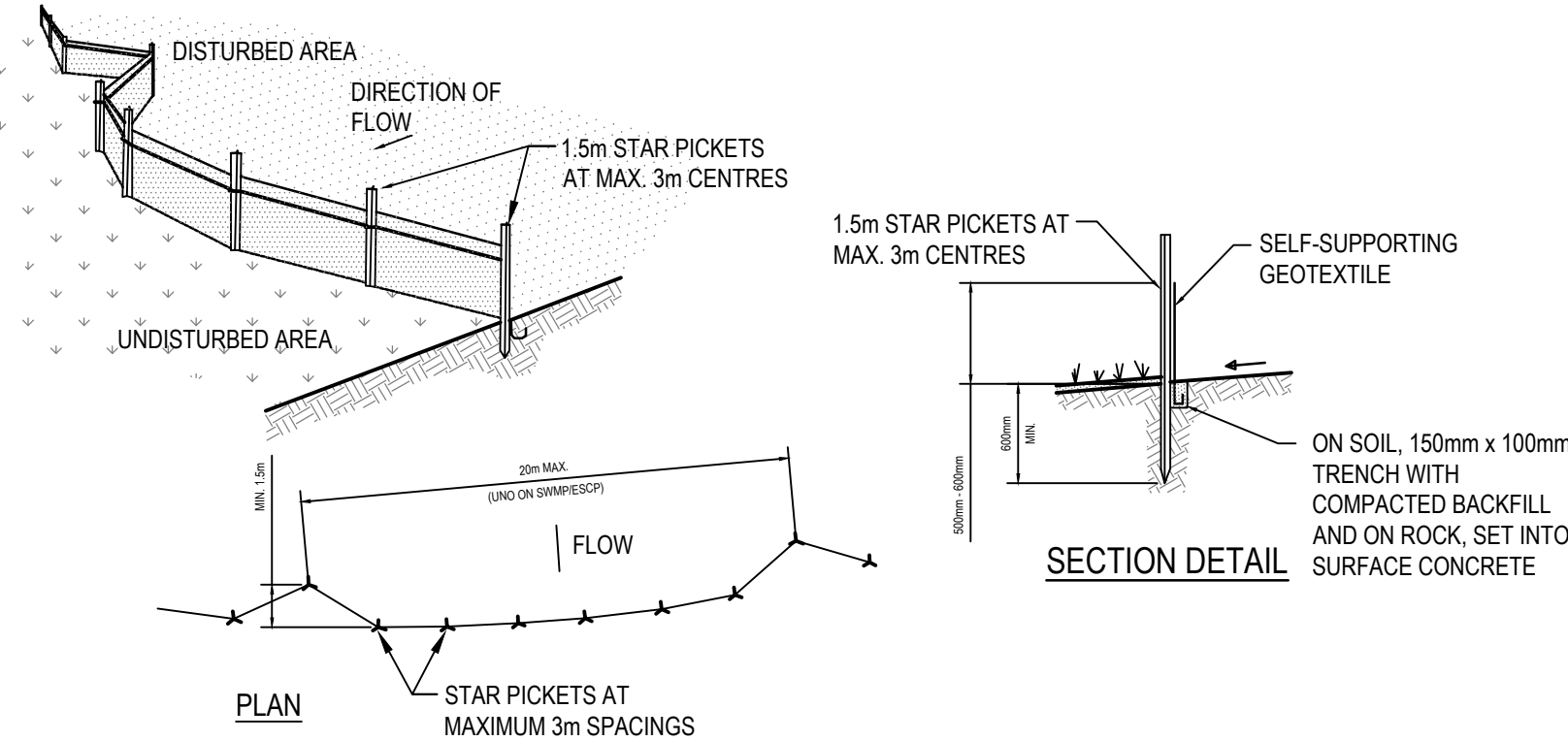
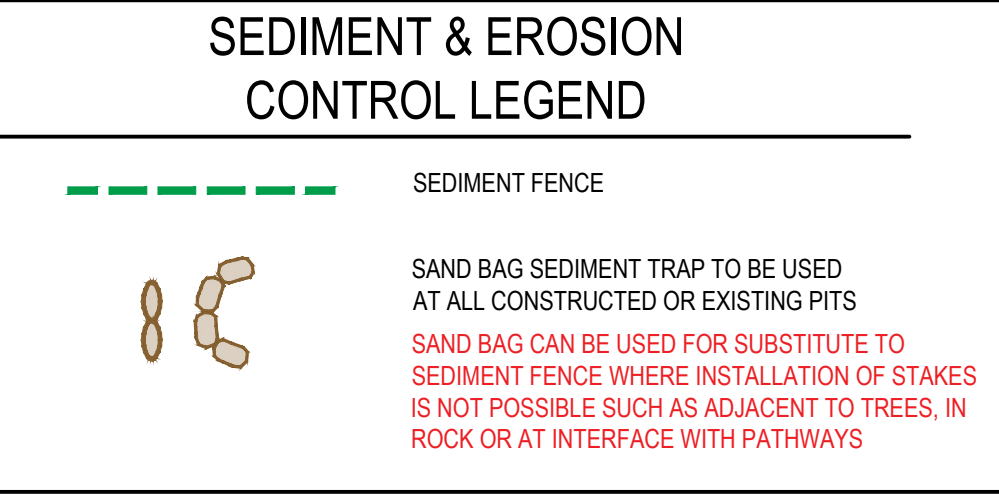
OTHER MATTERS

11. ACCEPTABLE RECEPTORS WILL BE PROVIDED FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER.
12. RECEPTORS FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER ARE TO BE EMPTIED AS NECESSARY. DISPOSAL OF WASTE SHALL BE IN A MANNER APPROVED BY THE SITE SUPERINTENDENT.

SITE INSPECTION & MAINTENANCE

13. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AFTER RAINFALL EVENTS TO ENSURE THAT THEY OPERATE EFFECTIVELY. REPAIR AND OR MAINTENANCE SHALL BE UNDERTAKEN AS REQUIRED.

1. ALL STRIPPED TOPSOIL AND EARTHWORKS IS TO BE RELOCATED ON SITE AT THE DISCRETION OF THE CLIENT AND ARBORIST. FOR MATERIAL WHICH CANNOT BE RE-USED ON SITE, IT IS TO BE STOCKPILED AND REMOVED FROM SITE

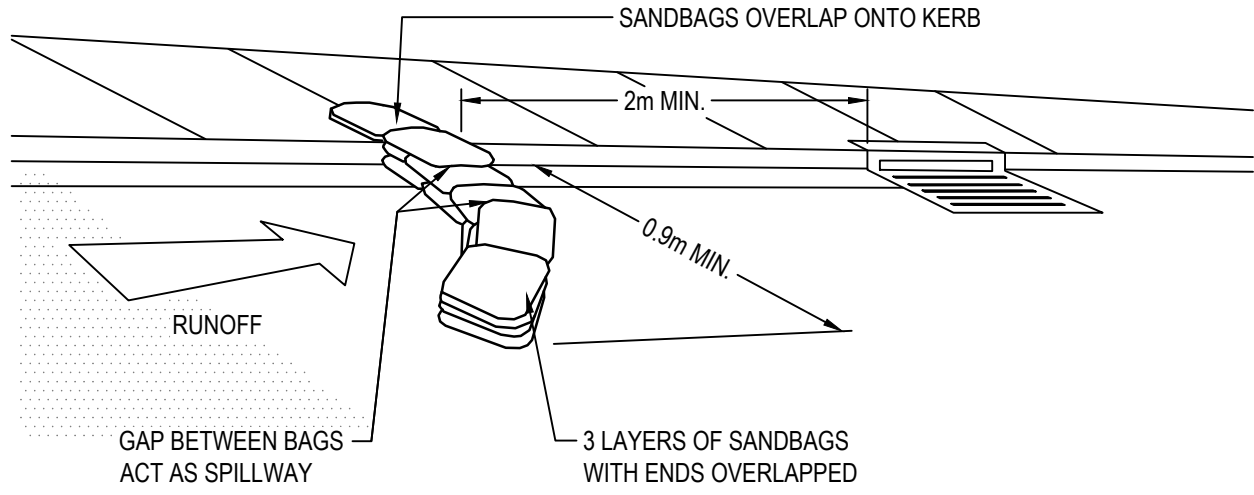


CONSTRUCTION NOTES

1. CONSTRUCT SEDIMENT FENCE AS CLOSE AS POSSIBLE TO PARALLEL TO THE CONTOURS OF THE SITE.
2. DRIVE 1.5m LONG STAR PICKETS INTO GROUND, 3 METERS APART.
3. DIG A 150mm DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED.
4. BACKFILL TRENCH OVER BASE OF FABRIC.
5. FIX SELF-SUPPORTING GEOTEXTILE TO UPSLOPE SIDE OF POSTS WITH WIRE TIES OR AS RECOMMENDED BY GEOTEXTILE MANUFACTURER.
6. JOIN SECTIONS OF FABRIC AT A SUPPORT POST WITH A 150mm OVERLAP.

SEDIMENT CONTROL FENCE

N.T.S.



SANDBAG SEDIMENT TRAP

N.T.S.

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SEDIMENT AND EROSION CONTROL & STORMWATER MANAGEMENT

CLIENT
BAYVIEW GOLF CLUB

SEDIMENT & EROSION CONTROL DETAILS

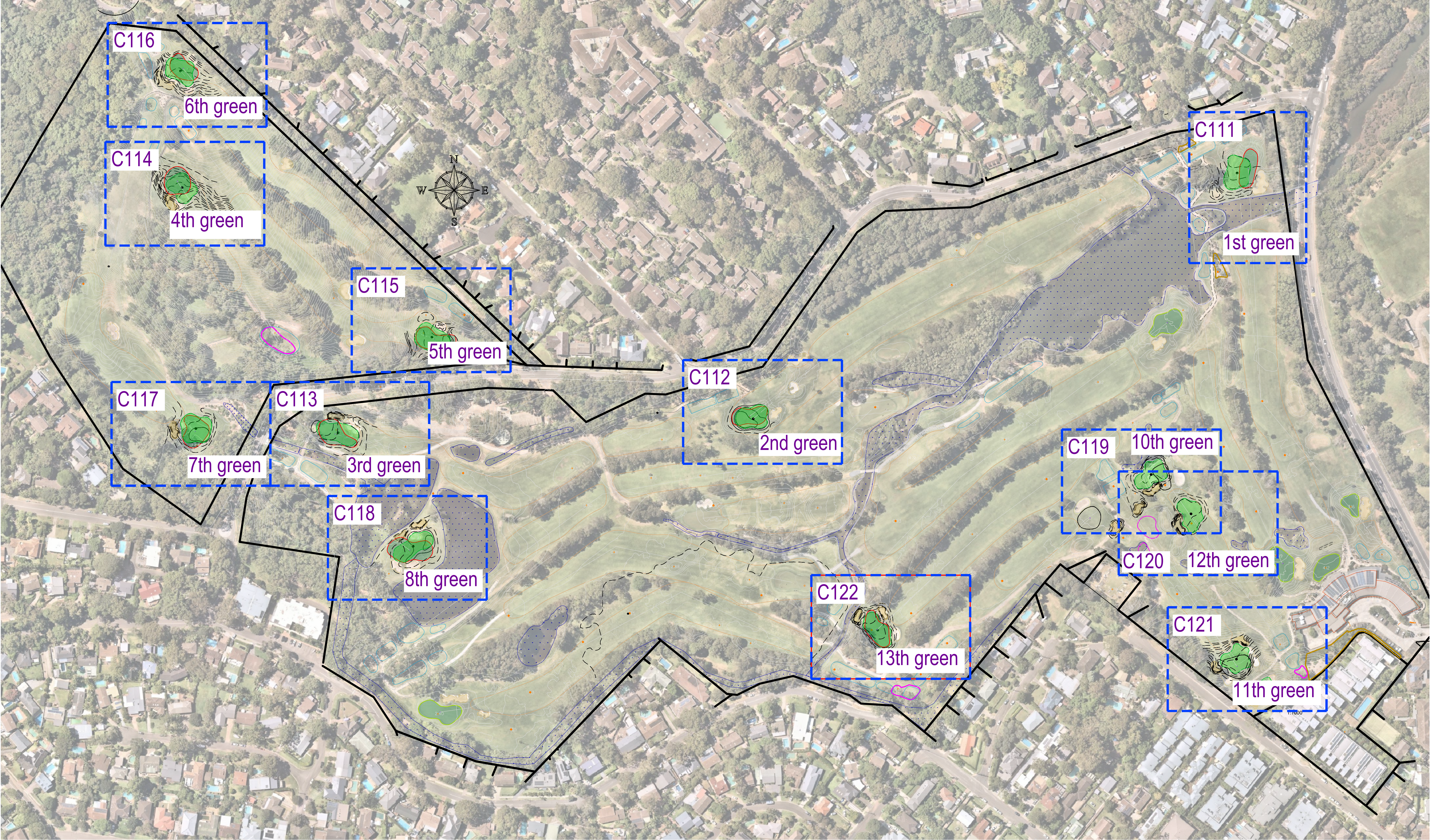
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23003

SCALE @ A1
NTS

SHEET No
C110

REV
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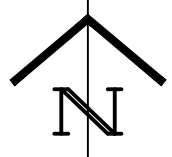


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ZONE MAP AREAS & GENERAL WORKS

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JOB NUMBER: 23003	SCALE @ A1 NTS	SHEET No C110	REV B
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LEGEND

- PROPOSED SANDTRAP
- EXISTING GREEN
- PROPOSED GREEN
- EXISTING CONTOUR
- PROPOSED CONTOUR
- SEDIMENT FENCE

CUT & FILL LEGEND

	FROM	TO
	-2.00	-1.75
	-1.75	-1.50
	-1.50	-1.25
	-1.25	-1.00
	-1.00	-0.75
	-0.75	-0.50
	-0.50	-0.25
	-0.25	-0.001
	-0.000	0.000
	0.001	0.25
	0.25	0.50
	0.50	0.75
	0.75	1.00
	1.00	1.25
	1.25	1.50

CUT AND FILL VOLUMES

Assessment Surfaces	Volumes m3	Hole												TOTAL m3
		1st	2nd	3rd	4th	5th	6th	7th	8th	10th	11th	12th	13th	
Final Surface	Cut	26	40	102	1230	35	1026	103	193	5	1060	0	6	3826
v	Fill	461	149	188	3	199	38	125	44	549	7	470	432	2665
Existing Surface	Balance	435	109	86	-1227	164	-988	22	-149	544	-1053	470	426	-1161

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SCALE 1:250 @ A1
SCALE 1:500 @ A3



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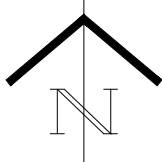
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1ST GREEN DETAIL PLAN

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LEGEND

- PROPOSED SANDTRAP
- EXISTING GREEN
- PROPOSED GREEN
- EXISTING CONTOUR
- PROPOSED CONTOUR
- SEDIMENT FENCE

CUT & FILL LEGEND

	FROM	TO
	-2.00	-1.75
	-1.75	-1.50
	-1.50	-1.25
	-1.25	-1.00
	-1.00	-0.75
	-0.75	-0.50
	-0.50	-0.25
	-0.25	-0.001
	-0.000	0.000
	0.001	0.25
	0.25	0.50
	0.50	0.75
	0.75	1.00
	1.00	1.25
	1.25	1.50



CUT AND FILL VOLUMES

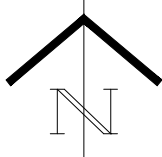
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2ND GREEN DETAIL PLAN

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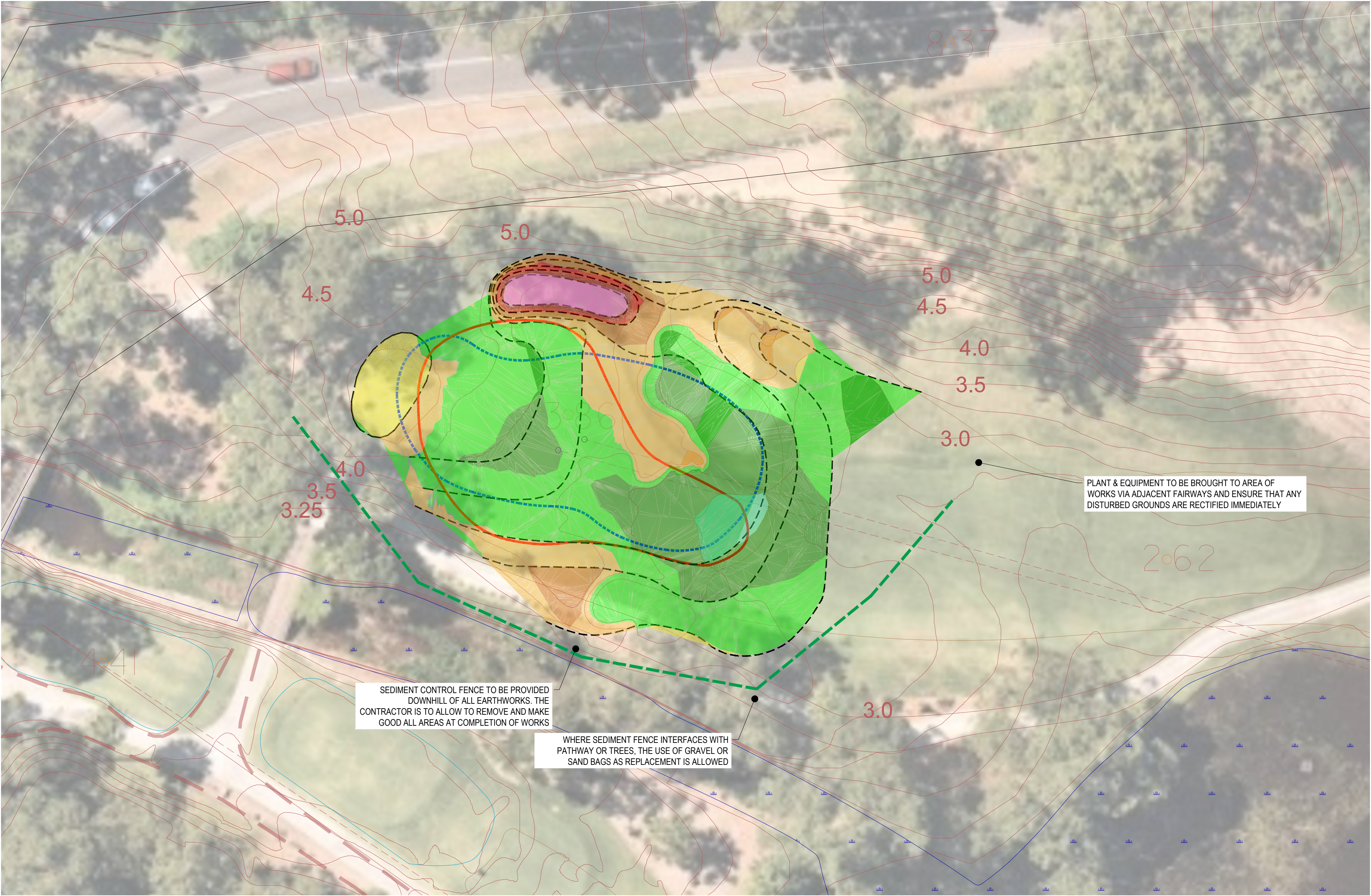
JOB NUMBER: 23003	SCALE @ A1 1:250	SHEET No C112	REV C
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LEGEND

- PROPOSED SANDTRAP
- EXISTING GREEN
- PROPOSED GREEN
- EXISTING CONTOUR
- PROPOSED CONTOUR
- SEDIMENT FENCE

CUT & FILL LEGEND

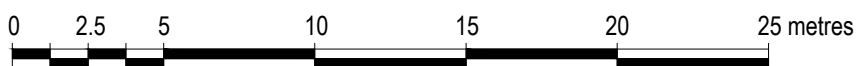
	FROM	TO
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	-1.75	-1.50
	-1.50	-1.25
	-1.25	-1.00
	-1.00	-0.75
	-0.75	-0.50
	-0.50	-0.25
	-0.25	-0.001
	-0.000	0.000
	0.001	0.25
	0.25	0.50
	0.50	0.75
	0.75	1.00
	1.00	1.25
	1.25	1.50



CUT AND FILL VOLUMES

Assessment Surfaces	Volumes m3	Hole												TOTAL m3
		1st	2nd	3rd	4th	5th	6th	7th	8th	10th	11th	12th	13th	
Final Surface	Cut	26	40	102	1230	35	1026	103	193	5	1060	0	6	3826
v	Fill	461	149	188	3	199	38	125	44	549	7	470	432	2665
Existing Surface	Balance	435	109	86	-1227	164	-988	22	-149	544	-1053	470	426	-1161

SCALE 1:250 @ A1
SCALE 1:500 @ A3



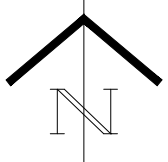
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3RD GREEN DETAIL PLAN

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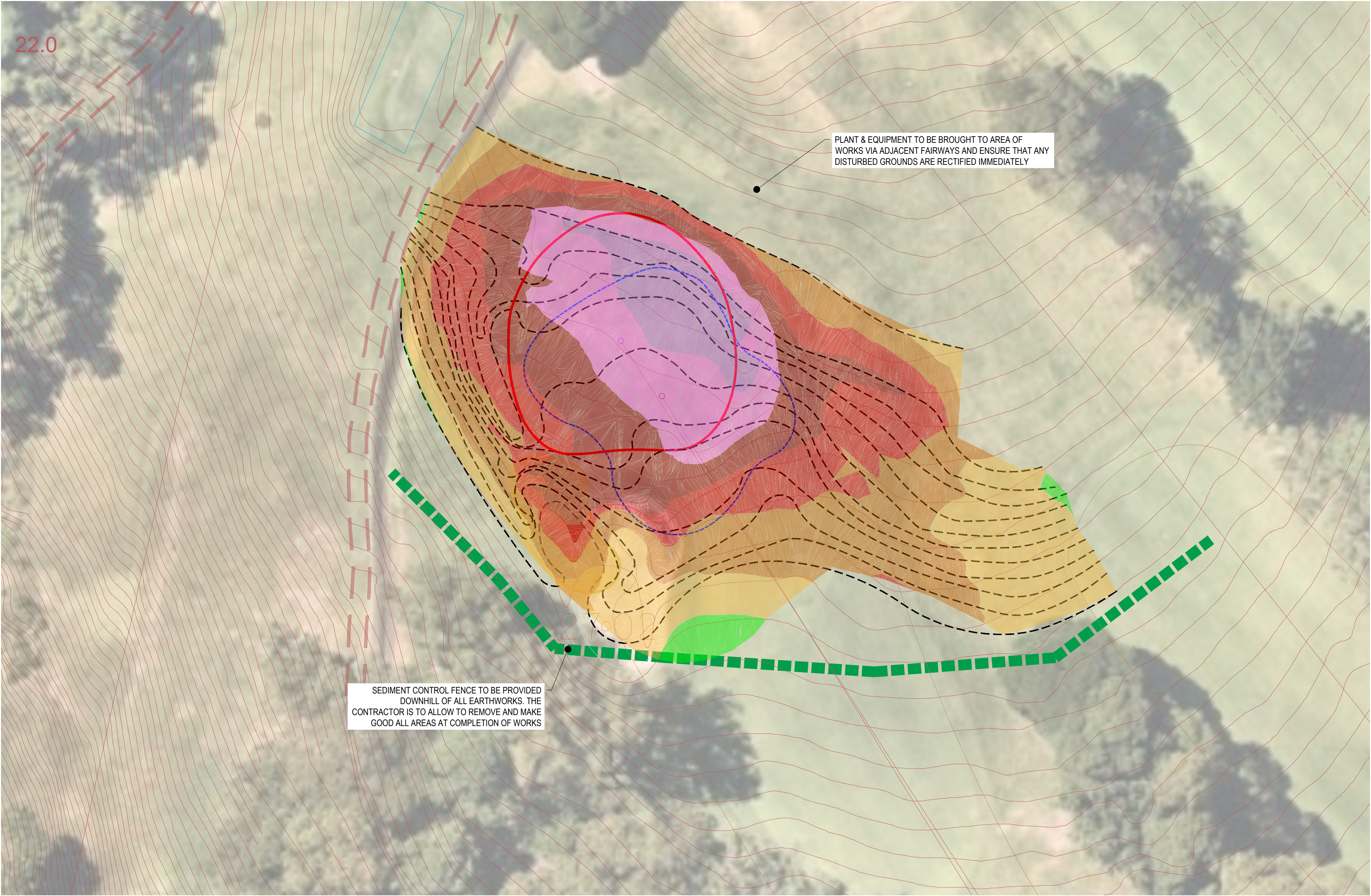
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LEGEND

- PROPOSED SANDTRAP
- EXISTING GREEN
- PROPOSED GREEN
- EXISTING CONTOUR
- PROPOSED CONTOUR
- SEDIMENT FENCE

CUT & FILL LEGEND

	FROM	TO
	-2.00	-1.75
	-1.75	-1.50
	-1.50	-1.25
	-1.25	-1.00
	-1.00	-0.75
	-0.75	-0.50
	-0.50	-0.25
	-0.25	-0.001
	-0.000	0.000
	0.001	0.25
	0.25	0.50
	0.50	0.75
	0.75	1.00
	1.00	1.25
	1.25	1.50



CUT AND FILL VOLUMES

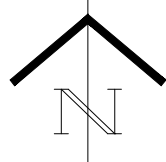
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SCALE 1:500 @ A3



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4TH GREEN DETAIL PLAN

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LEGEND

- PROPOSED SANDTRAP
- EXISTING GREEN
- PROPOSED GREEN
- EXISTING CONTOUR
- PROPOSED CONTOUR
- SEDIMENT FENCE

CUT & FILL LEGEND

	FROM	TO
	-2.00	-1.75
	-1.75	-1.50
	-1.50	-1.25
	-1.25	-1.00
	-1.00	-0.75
	-0.75	-0.50
	-0.50	-0.25
	-0.25	-0.001
	-0.000	0.000
	0.001	0.25
	0.25	0.50
	0.50	0.75
	0.75	1.00
	1.00	1.25
	1.25	1.50



CUT AND FILL VOLUMES

Assessment Surfaces	Volumes m3	Hole												TOTAL m3
		1st	2nd	3rd	4th	5th	6th	7th	8th	10th	11th	12th	13th	
Final Surface v Existing Surface	Cut	26	40	102	1230	35	1026	103	193	5	1060	0	6	3826
	Fill	461	149	188	3	199	38	125	44	549	7	470	432	2665
	Balance	435	109	86	-1227	164	-988	22	-149	544	-1053	470	426	-1161

SCALE 1:250 @ A1
SCALE 1:500 @ A3



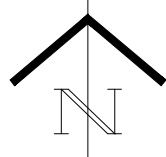
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5TH GREEN DETAIL PLAN

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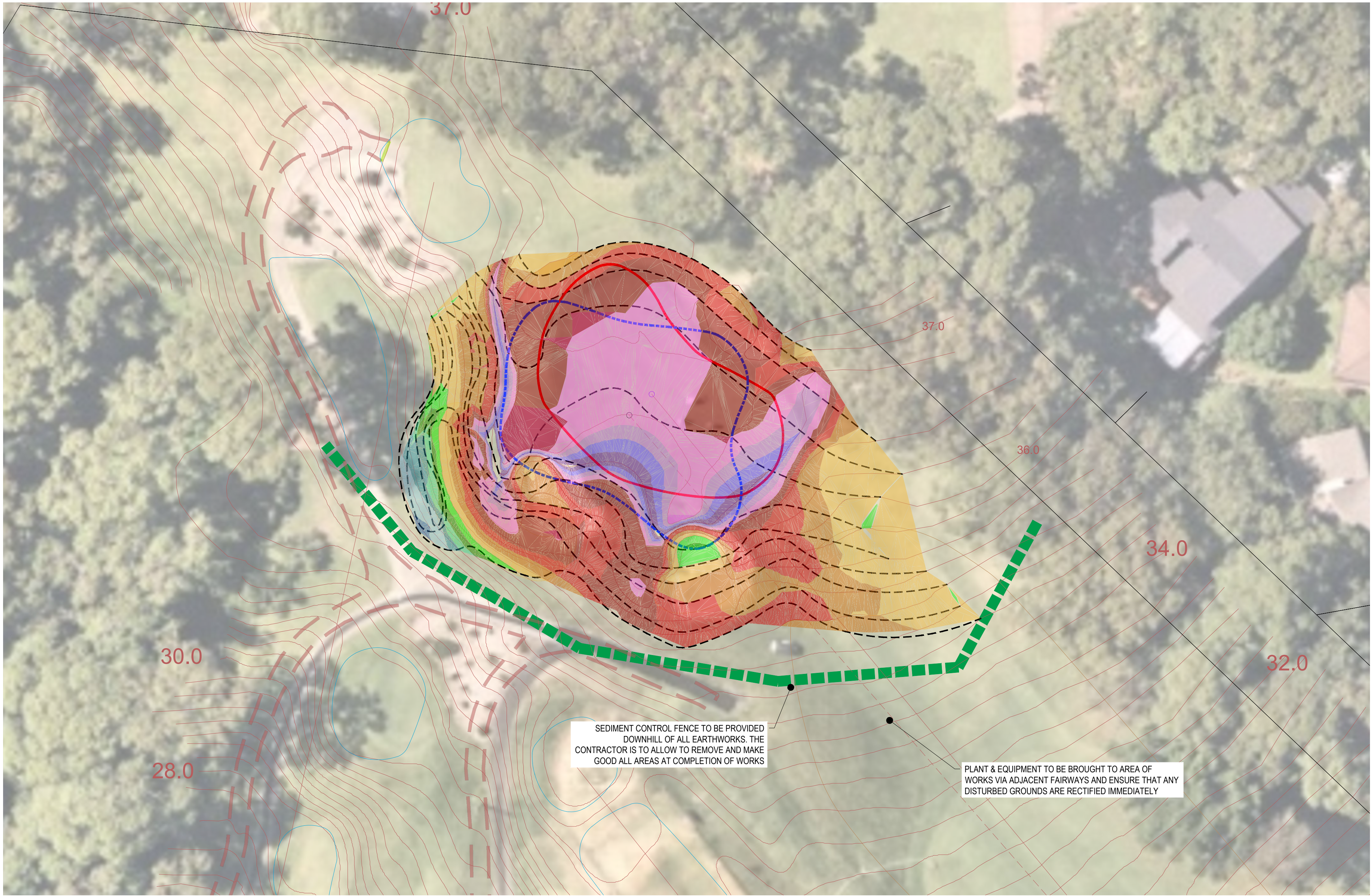
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LEGEND

- PROPOSED SANDTRAP
- EXISTING GREEN
- PROPOSED GREEN
- EXISTING CONTOUR
- PROPOSED CONTOUR
- SEDIMENT FENCE

CUT & FILL LEGEND

	FROM	TO
	-2.00	-1.75
	-1.75	-1.50
	-1.50	-1.25
	-1.25	-1.00
	-1.00	-0.75
	-0.75	-0.50
	-0.50	-0.25
	-0.25	-0.001
	-0.000	0.000
	0.001	0.25
	0.25	0.50
	0.50	0.75
	0.75	1.00
	1.00	1.25
	1.25	1.50



CUT AND FILL VOLUMES

Assessment Surfaces	Volumes m3	Hole												TOTAL m3
		1st	2nd	3rd	4th	5th	6th	7th	8th	10th	11th	12th	13th	
Final Surface v Existing Surface	Cut	26	40	102	1230	35	1026	103	193	5	1060	0	6	3826
	Fill	461	149	188	3	199	38	125	44	549	7	470	432	2665
	Balance	435	109	86	-1227	164	-988	22	-149	544	-1053	470	426	-1161

SCALE 1:250 @ A1
SCALE 1:500 @ A3

0

2.5

5

10

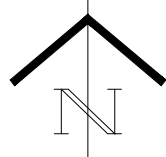
15

20

25 metres

REV	DATE	REVISION DESCRIPTION
A	27.02.2023	ISSUE FOR REVIEW AND COMMENT
B	28.02.2023	CUT & FILL COLOURS ADDED AND UPDATED QUANTITIES
C	06.03.2023	ISSUE FOR APPROVAL

TITLE	NAME
DRAWN	DI
DESIGNED	CP
DRG CHECK	CP
DESIGN CHECK	AL
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ISSUE FOR DEVELOPMENT APPLICATION

SEDIMENT AND EROSION CONTROL & STORMWATER MANAGEMENT

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6TH GREEN DETAIL PLAN

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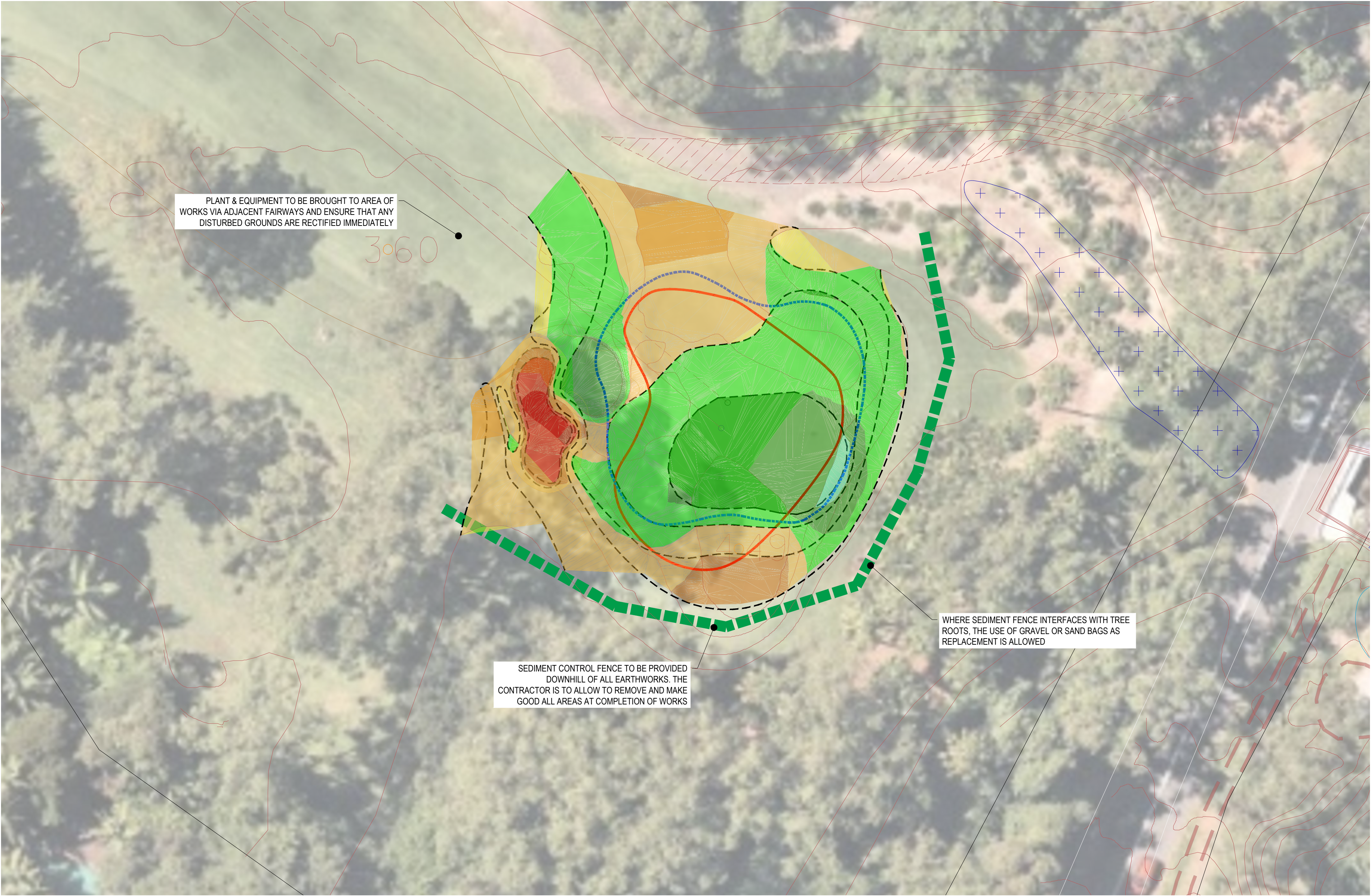
JOB NUMBER: 23003	SCALE @ A1 1:250	SHEET No C116	REV C
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LEGEND

- PROPOSED SANDTRAP
- EXISTING GREEN
- PROPOSED GREEN
- EXISTING CONTOUR
- PROPOSED CONTOUR
- SEDIMENT FENCE

CUT & FILL LEGEND

	FROM	TO
	-2.00	-1.75
	-1.75	-1.50
	-1.50	-1.25
	-1.25	-1.00
	-1.00	-0.75
	-0.75	-0.50
	-0.50	-0.25
	-0.25	-0.001
	-0.000	0.000
	0.001	0.25
	0.25	0.50
	0.50	0.75
	0.75	1.00
	1.00	1.25
	1.25	1.50



CUT AND FILL VOLUMES

Assessment Surfaces	Volumes m3	Hole												TOTAL m3
		1st	2nd	3rd	4th	5th	6th	7th	8th	10th	11th	12th	13th	
Final Surface	Cut	26	40	102	1230	35	1026	103	193	5	1060	0	6	3826
v	Fill	461	149	188	3	199	38	125	44	549	7	470	432	2665
Existing Surface	Balance	435	109	86	-1227	164	-988	22	-149	544	-1053	470	426	-1161

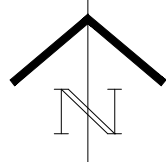
SCALE 1:250 @ A1
SCALE 1:500 @ A3



REV	DATE	REVISION DESCRIPTION
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TITLE	NAME
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7TH GREEN DETAIL PLAN

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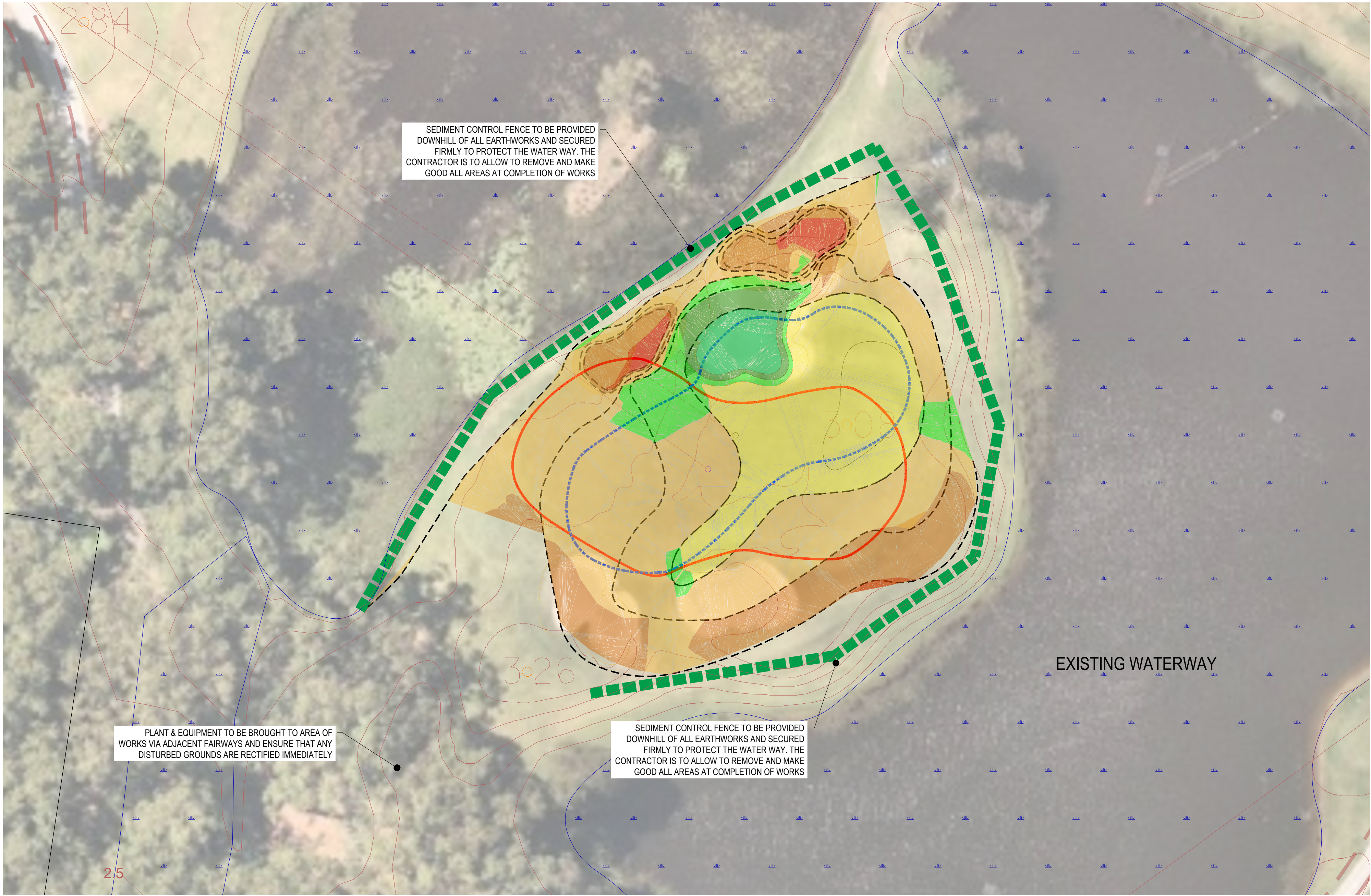
JOB NUMBER: 23003	SCALE @ A1 1:250	SHEET No C117	REV C
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LEGEND

- PROPOSED SANDTRAP
- EXISTING GREEN
- PROPOSED GREEN
- EXISTING CONTOUR
- PROPOSED CONTOUR
- SEDIMENT FENCE

CUT & FILL LEGEND

	FROM	TO
	-2.00	-1.75
	-1.75	-1.50
	-1.50	-1.25
	-1.25	-1.00
	-1.00	-0.75
	-0.75	-0.50
	-0.50	-0.25
	-0.25	-0.001
	-0.000	0.000
	0.001	0.25
	0.25	0.50
	0.50	0.75
	0.75	1.00
	1.00	1.25
	1.25	1.50



CUT AND FILL VOLUMES

Assessment Surfaces	Volumes m3	Hole												TOTAL m3
		1st	2nd	3rd	4th	5th	6th	7th	8th	10th	11th	12th	13th	
Final Surface v Existing Surface	Cut	26	40	102	1230	35	1026	103	193	5	1060	0	6	3826
	Fill	461	149	188	3	199	38	125	44	549	7	470	432	2665
	Balance	435	109	86	-1227	164	-988	22	-149	544	-1053	470	426	-1161

SCALE 1:250 @ A1
SCALE 1:500 @ A3



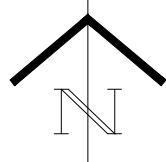
REV	DATE	REVISION DESCRIPTION
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JOB NUMBER: 23003	SCALE @ A1 1:250	SHEET No C118	REV C
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THIS TEXT TO BE PRINTED IN COLOUR

LEGEND

- PROPOSED SANDTRAP
- EXISTING GREEN
- PROPOSED GREEN
- EXISTING CONTOUR
- PROPOSED CONTOUR
- SEDIMENT FENCE

CUT & FILL LEGEND

	FROM	TO
	-2.00	-1.75
	-1.75	-1.50
	-1.50	-1.25
	-1.25	-1.00
	-1.00	-0.75
	-0.75	-0.50
	-0.50	-0.25
	-0.25	-0.001
	-0.000	0.000
	0.001	0.25
	0.25	0.50
	0.50	0.75
	0.75	1.00
	1.00	1.25
	1.25	1.50



CUT AND FILL VOLUMES

Assessment Surfaces	Volumes m3	Hole												TOTAL m3
		1st	2nd	3rd	4th	5th	6th	7th	8th	10th	11th	12th	13th	
Final Surface v Existing Surface	Cut	26	40	102	1230	35	1026	103	193	5	1060	0	6	3826
	Fill	461	149	188	3	199	38	125	44	549	7	470	432	2665
	Balance	435	109	86	-1227	164	-988	22	-149	544	-1053	470	426	-1161

SCALE 1:250 @ A1
SCALE 1:500 @ A3



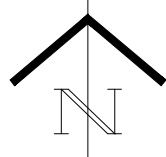
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10TH GREEN DETAIL PLAN

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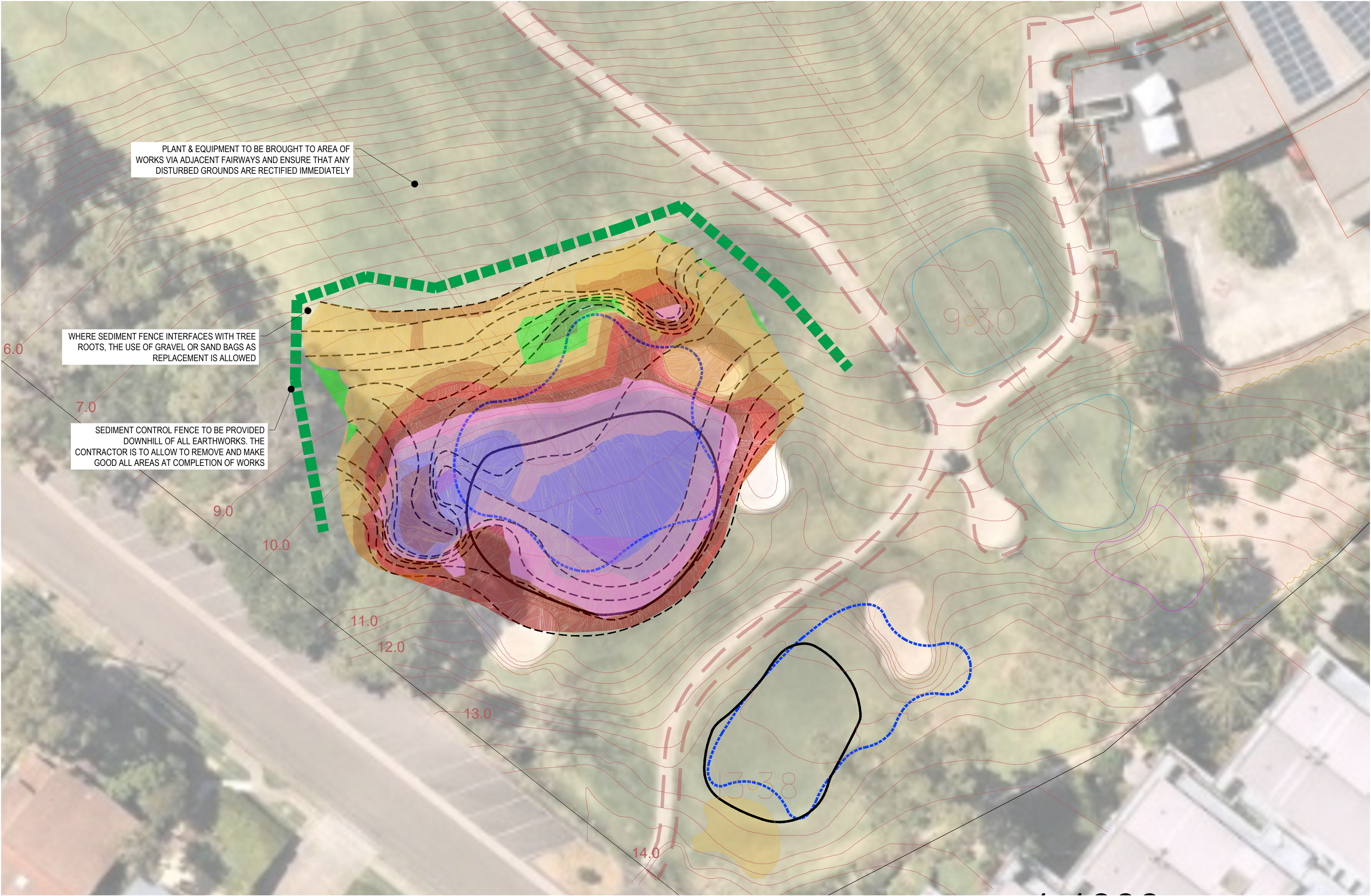
JOB NUMBER: 23003	SCALE @ A1 1:250	SHEET No C119	REV C
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LEGEND

- PROPOSED SANDTRAP
- EXISTING GREEN
- PROPOSED GREEN
- EXISTING CONTOUR
- PROPOSED CONTOUR
- SEDIMENT FENCE

CUT & FILL LEGEND

	FROM	TO
	-2.00	-1.75
	-1.75	-1.50
	-1.50	-1.25
	-1.25	-1.00
	-1.00	-0.75
	-0.75	-0.50
	-0.50	-0.25
	-0.25	-0.001
	-0.000	0.000
	0.001	0.25
	0.25	0.50
	0.50	0.75
	0.75	1.00
	1.00	1.25
	1.25	1.50



CUT AND FILL VOLUMES

Assessment Surfaces	Volumes m3	Hole												TOTAL m3
		1st	2nd	3rd	4th	5th	6th	7th	8th	10th	11th	12th	13th	
Final Surface v Existing Surface	Cut	26	40	102	1230	35	1026	103	193	5	1060	0	6	3826
	Fill	461	149	188	3	199	38	125	44	549	7	470	432	2665
	Balance	435	109	86	-1227	164	-988	22	-149	544	-1053	470	426	-1161

SCALE 1:250 @ A1
SCALE 1:500 @ A3

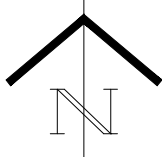
0 2.5 5 10 15 20 25 metres

THIS TEXT TO BE PRINTED IN COLOUR

REV	DATE	REVISION DESCRIPTION
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JOB NUMBER: 23003	SCALE @ A1 1:250	SHEET No C120	REV C
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LEGEND

- PROPOSED SANDTRAP
- EXISTING GREEN
- PROPOSED GREEN
- EXISTING CONTOUR
- PROPOSED CONTOUR
- SEDIMENT FENCE

CUT & FILL LEGEND

	FROM	TO
	-2.00	-1.75
	-1.75	-1.50
	-1.50	-1.25
	-1.25	-1.00
	-1.00	-0.75
	-0.75	-0.50
	-0.50	-0.25
	-0.25	-0.001
	-0.000	0.000
	0.001	0.25
	0.25	0.50
	0.50	0.75
	0.75	1.00
	1.00	1.25
	1.25	1.50



CUT AND FILL VOLUMES

Assessment Surfaces	Volumes m3	Hole												TOTAL m3
		1st	2nd	3rd	4th	5th	6th	7th	8th	10th	11th	12th	13th	
Final Surface	Cut	26	40	102	1230	35	1026	103	193	5	1060	0	6	3826
v	Fill	461	149	188	3	199	38	125	44	549	7	470	432	2665
Existing Surface	Balance	435	109	86	-1227	164	-988	22	-149	544	-1053	470	426	-1161

SCALE 1:250 @ A1
SCALE 1:500 @ A3

0 2.5 5 10 15 20 25 metres

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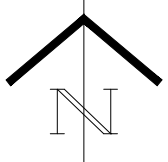
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12TH GREEN DETAIL PLAN

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JOB NUMBER: 23003	SCALE @ A1 1:250	SHEET No C121	REV C
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LEGEND

- PROPOSED SANDTRAP
- EXISTING GREEN
- PROPOSED GREEN
- EXISTING CONTOUR
- PROPOSED CONTOUR
- SEDIMENT FENCE

CUT & FILL LEGEND

	FROM	TO
	-2.00	-1.75
	-1.75	-1.50
	-1.50	-1.25
	-1.25	-1.00
	-1.00	-0.75
	-0.75	-0.50
	-0.50	-0.25
	-0.25	-0.001
	-0.000	0.000
	0.001	0.25
	0.25	0.50
	0.50	0.75
	0.75	1.00
	1.00	1.25
	1.25	1.50

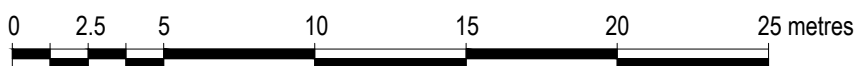


CUT AND FILL VOLUMES

Assessment Surfaces	Volumes m3	Hole												TOTAL m3
		1st	2nd	3rd	4th	5th	6th	7th	8th	10th	11th	12th	13th	
Final Surface	Cut	26	40	102	1230	35	1026	103	193	5	1060	0	6	3826
v	Fill	461	149	188	3	199	38	125	44	549	7	470	432	2665
Existing Surface	Balance	435	109	86	-1227	164	-988	22	-149	544	-1053	470	426	-1161

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SCALE 1:250 @ A1
SCALE 1:500 @ A3



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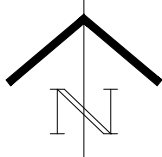
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13TH GREEN DETAIL PLAN

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JOB NUMBER: 23003	SCALE @ A1 1:250	SHEET No C122	REV C
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